

## Can I switch between Z-Vent® Single Wall, Z-Vent Double Wall and Z-Vent® Smoothcore Flexible Vent?

Yes, Z-Vent® Single Wall, Z-Vent® Double Wall and Z-Vent® Smoothcore Flexible vents are designed as a system providing an array of installation options. Z-Vent® Double Wall is recommended when 5 feet or more of vent passes through an unheated space (attics, crawl spaces, building exteriors above the roof line) and is required if reduced clearances to combustible materials is necessary or when installing exterior vent below the roof line. Z-Vent® Smoothcore Flexible vent can be installed in an unused masonry or factory built chimney and can only be installed vertically with maximum offset of 45°. Adaptors are required to transition from the different types of venting options.

## Does Z-Vent® require supports?

Yes, vertically; at base of vertical run, at single wall adjustable pipe joint outlet, at every ceiling/floor and at roof if appropriate and horizontally; within 1 ft. of appliance adaptor, at floor if appropriate and each elbow. For vertical runs a support is required every 16 ft. or less of vertical height. For horizontal runs a support is required every 48" (every 60" for Double Wall with ZV-CLAMP) or less of horizontal length. Consult appliance manufacturer's and Z-Vent® installation instruction details.

## Is Z-Vent® suitable for use with appliance?

Refer to the appliance manufacturer's instructions for suitability of Z-Flex's Z-Vent® Category I, II, III, or IV, UL1738 & ULC-S636 Listed UNS S44735 (i.e. AL29-4C\*) Superferritic Stainless Steel Special Gas Vent System. Appliance manufacturer's instructions may specify vent manufacturer, category, listing standard or material.

## Are power tools needed to tighten the clamp?

No, tighten gear clamp with nut or screw driver to a torque of 40 in/lbs to 50 in/lbs.

## Can I cut Z-Vent® pipe?

Yes, Z-Vent® Single Wall male end of pipe, Z-Vent® Double Wall Adjustable male end of inner pipe and Z-Vent® Smoothcore Flexible end (non-male end) can be field cut; refer to the Z-Vent® installation instructions. When possible, it's recommended to use a Z-Vent® Adjustable Pipe instead of cutting a pipe.

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## Can I use a gasket lubricant?

Yes, Z-Vent® lubricant is recommended to ease the assembly of joints. Part number 2LUBE.

## Does Z-Vent® require a slope and is Z-Vent® directional?

Yes, per ULC-S636 vent standard; Z-Vent® requires a slope upwards from appliance to termination of ¼ inch / 1 foot (2 degrees) and is directional; typically with female end towards termination - follow flow arrows on vent component label. As Z-Vent® is designed to direct condensate back towards appliance, it is also recommended to align and orient weld seams upwards towards ceiling in any horizontal runs.

## Is a condensate drain required?

It is best to consult appliance manufacturer's instructions as some condensing (Category II or Category IV) appliances include a condensate drain and other (Category III) appliances may require a condensate drain for long runs or where vent passes through unheated spaces. Follow local codes, appliance manufacturer's and Z-Vent® installation instructions regarding number and location of condensate drain(s).

## Can Z-Vent® be used with different manufacturers vent systems?

No, per UL1738 & ULC-S636 vent standards; different manufacturers have different joint systems and adhesives. *Do Not Mix Pipe, Fittings or Joining methods* from different manufacturers beyond the flue collar adaptor.

## Can I use fasteners (screws, rivets, etc) along with included clamp to join the vent?

No. Additional fasteners are not required to join pipes or fittings. Fasteners must never penetrate the components of the single wall vent system either, when joining vent or using support straps. Drilling holes in the vent components is not permitted.

## What is the purpose for inner bead on the male end of vent?

The inner bead on the male end of the vent provides a visual reference to ensure the vent is fully inserted so the gasket is fully engaged and it provides great structural integrity.

\*AL 29-4C is a registered trademark of ATI Properties, Inc. Consult local codes, appliance installation instructions and Z-Vent® installation instructions for additional information.